



# IDAHO CROP WEATHER



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## Hot, Dry Weather Dominates

### Agricultural Summary

Temperatures rose well above normal last week, creating hot and dry conditions for most of Idaho. Temperatures over 100 degrees were recorded for the first time this year. By the weekend, scattered thunderstorms provided some relief for farmers in North Idaho. For the week ending June 30, major agricultural activities included irrigating, applying pesticides, stacking alfalfa, and cultivating corn and dry beans.

### Field Crop Report

In North Idaho, extension educators have reported stripe rust in spring wheat on the Palouse. Crops in low elevation areas of Nez Perce County have continued to show stress due to lack of moisture. Some garbanzo bean fields have been treated with fungicides for chickpea blight. Many farmers were putting the first irrigation set on dry beans in the Magic Valley. In Franklin County, farmers have been spraying to control weevils in alfalfa fields.

### Crop Progress Table

Percentages	2002	2001	Avg.
Potatoes 12" High	48	65	55
Potatoes Closing Middles	18	28	21
Winter Wheat Turning Color	4	16	12
Cherries Harvested	63	15	24
Dry Beans Emerged	99	100	94

### Livestock, Pasture and Range Report

In Eastern Idaho, grasses at lower elevations have started to dry. Mormon crickets have been observed in Southeastern Idaho's Arbon Valley. Streamflows have begun to drop in smaller creeks.

### Soil Moisture and Days Suitable for Fieldwork

Topsoil moisture declined from last week to 7% very short, 40% short, and 53% adequate. Statewide, Idaho farmers had an average of 6.8 days suitable for fieldwork last week.

### Grain Progress Table

	Jointed %			Booted %		
	2002	2001	Avg.	2002	2001	Avg.
Spring Wheat	99	96	94	81	81	74
Barley	98	96	91	72	80	71

### Condition Table

Percentages	Very				
	Poor	Poor	Fair	Good	Excellent
Potatoes	1	2	15	71	11
Winter Wheat	1	2	22	66	9
Spring Wheat	1	3	21	67	8
Barley	1	3	13	75	8
Irr. Water Supply	2	21	27	49	1
Range and Pasture	1	8	27	58	6

### Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg
Winter Wheat															
Headed .....	91	68	82	100	100	100	99	100	98	88	94	89	92	84	86
Spring Wheat															
Headed .....	14	19	18	99	100	97	86	76	79	12	56	36	28	54	45
Barley															
Headed .....	17	13	17	99	99	95	83	91	82	18	42	33	36	52	43
Alfalfa Hay															
1 <sup>st</sup> Cutting Harvested	40	63	47	99	100	96	93	100	93	72	83	70	82	90	80
2 <sup>nd</sup> Cutting Harvested	0	0	0	23	48	25	11	38	15	0	1	0	8	21	10

Avg (1997-2001); NA = Very Small Percentage of Acreage in District.

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# Weather Data For The Week Ending Sunday, June 30, 2002 <sup>1/</sup>

Station	Temperature <sup>2/</sup>				Growing Degree Days <sup>4/</sup>			Precipitation (Inches)				
	High	Low	Ave.	Dept. <sup>3/</sup>	40° Base	50° Base		Total	Dept <sup>3/</sup>	Month of June	March 1	
						To Date	Normal				To Date	Normal
<b>North</b>												
Coeur D'Alene	95	46	67	2	1237	514	515	0.68	0.49	1.12	6.01	8.98
Grangeville	89	52	69	8	1189	494	317	0.50	0.02	2.84	6.64	11.16
Lewiston	102	58	75	6	1740	812	811	0.70	0.52	1.78	4.70	4.78
Sandpoint	93	44	67	5	1160	458	393	0.68	0.27	2.24	7.74	9.77
<b>Southwest</b>												
Boise	101	59	79	9	1916	979	737	0.00	-0.14	0.21	2.26	4.42
Caldwell	100	57	78	7	1895	952	929	0.00	-0.15	0.00	0.97	3.64
Emmett	101	55	78	8	1722	806	787	0.00	-0.16	0.09	2.62	4.37
Mountain Home	104	61	79	9	1823	913	710	0.14	0.03	0.24	1.02	3.48
Parma	102	55	78	10	1878	944	739	0.02	-0.14	0.05	1.57	3.93
Weiser	105	58	81	12	1932	985	757	0.21	0.07	0.53	2.20	3.76
<b>Southcentral</b>												
Buhl 5/	--	--	--	--	1577	718	532	0.00	-0.11	0.00	1.33	3.65
Burley	97	53	73	6	1494	664	526	0.00	-0.10	0.15	2.19	3.80
Hill City	94	45	69	8	943	397	257	0.00	-0.15	0.76	2.78	4.17
Hagerman	100	53	75	4	1804	898	928	0.00	-0.06	0.09	1.70	3.30
Malta	99	46	72	5	1399	595	547	0.00	-0.11	0.42	2.14	3.92
Twin Falls	93	54	72	7	1474	658	491	0.32	0.23	0.49	4.12	4.00
<b>East</b>												
Aberdeen 5/	98	44	--	--	1194	516	395	0.00	-0.10	0.11	0.77	3.75
Grace	96	46	71	8	1166	514	309	0.00	-0.27	1.34	5.43	6.13
Idaho Falls	95	48	70	6	1196	496	419	0.00	-0.18	0.33	2.88	4.45
Malad City	100	47	73	7	1449	684	461	0.00	-0.15	0.18	1.02	5.54
Pocatello	99	49	72	6	1400	612	490	0.00	-0.11	0.29	3.56	4.83
Rexburg	95	48	69	5	1117	453	370	0.00	-0.15	0.38	1.81	5.72
Salmon	91	46	70	6	1226	501	442	0.00	-0.33	0.59	1.06	4.74

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

## Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average <sup>1/</sup>	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emmett	89	71	--	--	91	78	93	80	95	83	91	83	94	82	92	80
Parma	69	67	70	68	71	69	72	70	72	71	71	71	71	71	71	70
Sandpoint	73	64	77	63	78	65	82	66	76	68	72	64	69	62	75	65
Twin Falls	--	61	76	61	80	62	77	62	78	64	78	64	81	66	78	63

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.

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